

REMARKS

Dependent claims 4-6, 11-77, 79, 80 and 82-108 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

5 Applicant has amended the claims to accept all the allowable material specified by the Examiner. No new matter is entered. Due to the large number of claims, applicant has specifically listed the amendment (or none) performed on each of the pending claims. Additionally, applicant notes that in order to make the claim amendments clear, some claims are now dependent upon higher numbered claims. This was done rather than canceling all
10 claims and adding them as new, which would make it more difficult to see what was changed with respect to the original claims. Applicant points out that MPEP section 608(n), titled CLAIM FORM AND ARRANGEMENT states, "During prosecution, the order of claims may change and be in conflict with the requirement that dependent claims refer to a preceding claim."

15 In particular, the following amendments are made:

A. For allowable system claims 4-6:

- Amended claim 1 to include claim 4
- Kept claim 2 unchanged

20 - Cancelled claims 3-4

- Amended claims 5-6 to depend on claims 1 or 2

25 **B. For allowable subsystem claims 7-77:**

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- Cancelled claims 7-10

- Amended claim 11 to include claims 7+10

- Made a new dependent claim 140 on claim 11 according to limitations of claim 8

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- Amended claim 12 to include claims 7+10

- Made a new dependent claim 141 on claim 12 according to limitations of claim 8

- Amended claim 13 to depend on claims 12 or 141

10 - Kept claims 14-18 unchanged

- Amended claim 19 to include claims 7+10

- Made a new dependent claim 142 on claim 19 according to limitations of claim 8

15 - Amended claim 20 to include claim 7

- Made a new dependent claim 143 on claim 20 according to limitations of claim 8

- Amended claims 21-23 to depend on claims 20 or 143

20 - Kept claims 24-28 unchanged

- Amended claims 29-35 to depend on claims 20 or 143

- Amended claim 36 to include claim 7

25 - Made a new dependent claim 144 on claim 36 according to limitations of claim 8

- Amended claims 37-44 to depend on claims 36 or 144

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- Amended claim 45 to include claim 7
- Made a new dependent claim 145 on claim 45 according to limitations of claim 8
- Amended claim 46 to include claim 7
- 5 - Made a new dependent claim 146 on claim 46 according to limitations of claim 8
- Amended claim 47 to include claim 7
- Made a new dependent claim 147 on claim 47 according to limitations of claim 8
- 10 - Amended claims 48-51 to depend on claims 47 or 147
- Kept claims 52-68 unchanged
- Amended claims 69-73 to depend on claims 47 or 147
- 15 - Amended claim 74 to include claims 7
- Made a new dependent claim 148 on claim 74 according to limitations of claim 8
- Amended claim 75 to include claim 7
- 20 - Made a new dependent claim 149 on claim 75 according to limitations of claim 8
- Amended claim 76 to include claim 7
- Made a new dependent claim 150 on claim 76 according to limitations of claim 8
- 25 - Amended claim 77 to include claim 7
- Made a new dependent claim 151 on claim 77 according to limitations of claim 8

C. For controller claims 79-80 and 82-108:

- Cancelled claim 78
- 5 - Amended claim 79 to include claim 78
- Amended claim 80 to include claim 78
- Cancelled claim 81
- 10 - Amended claim 82 to include claim 78
- Made a new dependent claim 152 on claim 82 according to limitations of claim 81
- Amended claim 83 to include claim 78
- 15 - Made a new dependent claim 153 on claim 83 according to limitations of claim 81
- Amended claim 84 to include claim 78
- Made a new dependent claim 154 on claim 84 and include claim 81
- 20 - Amended claim 85 to include claim 78
- Made a new dependent claim 155 on claim 85 and include claim 81
- Amended claim 86 to include claim 78
- Made a new dependent claim 156 on claim 86 and include claim 81
- 25 - Amended claims 87-88 to depend on claims 86 or 156
- Amended claim 89 to include claim 78

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- Made a new dependent claim 157 on claim 89 according to limitations of claim 81

- Amended claim 90 to include claim 78

- Made a new dependent claim 158 on claim 90 according to limitations of claim 81

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- Amended claims 91-98 to depend on claims 90 or 158

- Amended claim 99 to include claim 78

- Made a new dependent claim 159 on claim 99 according to limitations of claim 81

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- Amended claim 100 to include claim 78

- Made a new dependent claim 160 on claim 100 according to limitations of claim 81

- Amended claim 101 to include claim 78

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- Made a new dependent claim 161 on claim 101 according to limitations of claim 81

- Amended claim 102 to include claim 78

- Made a new dependent claim 162 on claim 102 according to limitations of claim 81

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- Amended claim 103 to include claim 78

- Made a new dependent claim 163 on claim 103 according to limitations of claim 81

- Amended claim 104 to include claim 78

- Made a new dependent claim 164 on claim 104 according to limitations of claim 81

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- Amended claim 105 to include claim 78

- Made a new dependent claim 165 on claim 105 according to limitations of claim 81

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- Amended claim 106 to include claim 78
- Made a new dependent claim 166 on claim 106 according to limitations of claim 81

- Amended claim 107 to include claim 78

- 5 - Made a new dependent claim 167 on claim 107 according to limitations of claim 81


- Amend claim 108 to include claim 78

- Made a new dependent claim 168 on claim 108 according to limitations of claim 81

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Because all claims currently pending have been previously found allowable by the Examiner, applicant respectfully requests allowance of the above identified application and that a timely Notice of Allowance be issued in this case.

15 Sincerely yours,



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25 Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan.)